

Abstract of the Disclosure:

A device and a method for recombining hydrogen and oxygen in a gas mixture, especially for a nuclear plant, includes feeding
5 the gas mixture to a heating chamber through a feed line in which a blower is connected. A control unit associated with the blower is provided to adjust the delivery rate of the blower in accordance with the hydrogen content of the gas mixture. This provides a particularly simple measure for
10 reliably reducing the hydrogen present in the gas mixture, even in different operating states.

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